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FORM	PTO-1	1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE	ATTORNEY'S POCKET NUMBER
(REV.	77-200-	FRANSMITTAL LETTER TO THE UNITED STATES	2002JP309,
ļ		DESIGNATED/ELECTED OFFICE (DO/EO/US)	<u>L</u>
	C(ONCERNING A SUBMISSION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) NOT ASSIGNATE 1 8 1 0 5
INTE	RNA	ATIONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
-TTL	¤ ∩F	PCT/JP03/07354 June 10, 2003 INVENTION	June 21, 2002
111		PROCESS FOR PREVENTING DEVELOPMENT DE	THE COLUMN AND COLUMN
	•	FOR USE IN THE SAME	FECT AND COMPOSITION
APPL	ICAN	NT(S) FOR DO/EO/US	
Yas	sush	hi AKIYAMA, Yusuke TAKANO, Kiyohisa TAKAHASHI, Sung-Eui	in HONG. Tetsuo OKAYASII
Appli	cant	herewith submits to the United States Designated/Elected Office (DO/EO/US) th	he following items and other information:
1.	×	This is a FIRST submission of items concerning a submission under 35 U.S.C	271
2.		This is a SECOND or SUBSEQUENT submission of items concerning a subm	3/1. mission under 25 II C C 271
3.		This is an express request to begin national examination procedures (25 LLS C	1 371(ft) The culturisation must include items (5)
	#21	· // / / / / / / / / / / / / / / / / /	. 371(1)). The addingation must include items (3),
4.	⊠ ⊠	The US has been elected (Article 31).	
5.	Ø	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))	
		a. is attached hereto (required only if not communicated by the Internat	tional Bureau).
		b. A has been communicated by the International Bureau.	
6.	Ø	— states required; as the approach was med in the United States Received	iving Office (RO/US).
U.		An English language translation of the International Application as filed (35 U. a. \(\subseteq \) is attached hereto.	.S.C. 371(c)(2)).
7.		Free 15 and 15 a	
7.	Ц	Amendments to the claims of the International Application under PCT Article 1 a. are attached hereto (required only if not communicated by the International Application under PCT Article 1	19 (35 U.S.C. 371 (c)(3))
		and the international desired of the international desired by the internat	tional Bureau).
		The first of the filternational Buleau.	
		 c. have not been made; however, the time limit for making such amendm d. have not been made and will not be made. 	ents has NOT expired.
8. (
	Ø	An English language translation of the amendments to the claims under PCT Ar An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).	rticle 19 (35 U.S.C. 371(c)(3)).
10. [An English language translation of the annexes to the International Preliminary Article 36 (35 U.S.C. 371 (c)(5)).	Examination Report under PCT
11. [A copy of the International Preliminary Examination Report (PCT/IPEA/409).	
12. 🛭	፟ .	A copy of the International Search Report (PCT/ISA/210).	
Iten		3 to 23 below concern document(s) or information included:	
		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
14. [An assignment document for recording. A separate cover sheet in compliance w	with 37 CFR 3 28 and 3 31 is included
15. 🛭		A FIRST preliminary amendment.	III 37 Of R 3.20 and 3.31 is included.
		A SECOND or SUBSEQUENT preliminary amendment.	
		A substitute specification.	
		A power of attorney and/or change of address letter.	
	□	A computer-readable form of the sequence listing in accordance with PCT Rule 1	13ter 2 and 37 CFR 1 821 - 1 825
	_ ^	A second copy of the published International Application under 35 U.S.C. 154(d	d)(4).
21.	J A	A second copy of the English language translation of the International Application	on under 35 U.S.C. 154(d)(4).
2.		Express Mail Label No. <u>EV 540353265 US</u>	
3.		Other items or information:	
	F	Form PCT/IB/301 WO 2004/001510 A1 Form PCT/IB/304 Form PCT/IB/308	·

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10/518105

Docket No. **CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)** Yasushi AKIYAMA et al. 2002JP309 Applicant(s): Customer No. **Group Art Unit** Application No. Filing Date Examiner NOT ASSIGNED 26,289 NOT ASSIGNED **NOT ASSIGNED December 10, 2004** Invention: PROCESS FOR PREVENTING DEVELOPMENT DEFECT AND COMPOSITION FOR USE IN THE SAME I hereby certify that the following correspondence: WO 2004/001510 A1 - 1 Page (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on **December 10, 2004** (Date) MARIA T. SANCHEZ (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EV 540353265 US ("Express Mail" Mailing Label Number) Note: Each paper must have its own certificate of mailing.

10/518105 PCT/PTO 40 PEC 0004

CERTIFICATE OI Applicant(s): Yasushi	Docket No. 2002JP309			
Application No. NOT ASSIGNED	Filing Date December 10, 2004	Examiner NOT ASSIGNED	Customer No. 26,289	Group Art Unit NOT ASSIGNED
	S FOR PREVENTING DE IN THE SAME	VELOPMENT DEFECT AND COME	POSITION	
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is being deposited w	rith the United States Pos	stal Service "Express Mail Post Office	to Addressee" s	ervice under 37
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CERTIFICATE OF MAILI BY "EXPRESS MAIL" (37 CFR 1.10) Docket No. Yasushi AKIYAMA et al. Applicant(s): 2002JP309 Customer No. **Group Art Unit** Application No. Filing Date Examiner NOT ASSIGNED December 10, 2004 **NOT ASSIGNED** 26,289 **NOT ASSIGNED** Invention: PROCESS FOR PREVENTING DEVELOPMENT DEFECT AND COMPOSITION FOR USE IN THE SAME I hereby certify that the following correspondence: Notification Concerning Submission Or Transmittal Of Priority Document (Form PCT/ISA/304) - 1 Page (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on **December 10, 2004** (Date) **MARIA T. SANCHEZ** (Typed or Printed Name of Person Mailing Correspondence) EV 540353265 US ("Express Mail" Mailing Label Number) Note: Each paper must have its own certificate of mailing.

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NOT ASSIGNED	26,289	NOT ASSIGNED		
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Docket No. CERTIFICATE OF MAIL BY "EXPRESS MAIL" (37 CFR 1.10 Yasushi AKIYAMA et al. Applicant(s): 2002JP309 Filing Date Examiner Customer No. **Group Art Unit** Application, No. NOT ASSIGNED December 10, 2004 NOT ASSIGNED 26,289 NOT ASSIGNED Invention: PROCESS FOR PREVENTING DEVELOPMENT DEFECT AND COMPOSITION FOR USE IN THE SAME I hereby certify that the following correspondence: Declaration For Utility Or Design Patent Application - 3 Pages (Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on **December 10, 2004** (Date) MARIA T. SANCHEZ (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence, EV 540353265 US ("Express Mail" Mailing Label Number) Note: Each paper must have its own certificate of mailing.

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